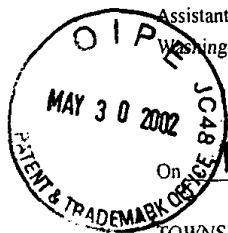


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PATENT
Attorney Docket No.: 023070-114510US
Client Reference No.: 2001-083-1

Assistant Commissioner for Patents
Washington, D.C. 20231



On May 24, 2002
TOWNSEND and TOWNSEND and CREW LLP

By: Claudio Chang

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

McDonald, Karen A.
Jackman, Alan P.

Application No.: 09/992,845

Filed: November 14, 2001

For: Process for Scaled-up Production of
Recombinant Proteins Using Transgenic
Plant Suspension Cultures

Examiner: Unassigned

Art Unit: 1638

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:


The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,


Kevin Bastian
Reg. No. 34,774

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: 415-576-0200
Fax: 415-576-0300
KLB:clc

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **1** of **2**

Complete if Known

| | |
|------------------------|--------------------|
| Application Number | 09/992,845 |
| Filing Date | November 14, 2001 |
| First Named Inventor | McDonald, Karen A. |
| Group Art Unit | 1638 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 02307O-114510US |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| | | Number | Kind Code ² (if known) | | | |
| | AA | 6,127,145 | | Sutliff <i>et al.</i> | 10-03-2000 | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ³ |
|------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|---|--|---|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| | AB | WO | 95/14099 | | Regents of The University of California | 05-26-1995 | | |
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| | AC | DES MOLLES, D.V. <i>et al.</i> , "Expression of a Carrot Invertase Gene in Tobacco Suspension Cells Cultivated in Batch and Continuous Culture Conditions," <i>Journal Bioscience Bioeng.</i> , 87:302-306 (1999) | |
| | AD | FISCHER, U. <i>et al.</i> , "Semicontinuous cultivation of photoautotrophic cell suspension cultures in a 20 l airlift-reactor," <i>Plant Cell, Tissue and Organ Culture</i> , 38:123-134 (1994) | |
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Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet **2** of **2**

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| | |
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| Application Number | 09/992,845 |
| Filing Date | November 14, 2001 |
| First Named Inventor | McDonald, Karen A. |
| Group Art Unit | 1638 |
| Examiner Name | Unassigned |
| Attorney Docket Number | 02307O-114510US |

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|----|---|--|
| AJ | RYLAND, J.R. <i>et al.</i> , "Effect of Gelatin on the Stability of Heavy Chain Monoclonal Antibody Production from Plant Suspension Cultures," <i>J. Microbiol. Biotechnol.</i> 10(4):449-454 (2000) | |
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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
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